Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-38072

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

7. UNIT AGREEMENT NAME: Pine Spring

8. FARM OR LEASE NAME: Federal

2. NAME OF OPERATOR: Coseka Resources (USA) Limited

9. WELL NO.: 12-14-14-22

3. ADDRESS OF OPERATOR: P.O. Box 399, Grand Junction, Colorado 81502

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 651' FWL, 1,832' FNL Section 14, T14S, R22E, S.L.B.& M.
At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 14, T14S, R22E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 39.1 miles south of Ouray, Utah

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
	639.79	160
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	19. PROPOSED DEPTH	20. ROTARY OR CABLE TOOLS
	3,100'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,937' Ungr.

22. APPROX. DATE WORK WILL START*: November 10, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	500'	To surface
6 1/4"	4 1/2"	10.5#	T.D.	To surface casing

RECEIVED
OCT 3 1983
DSD - MIN. RES.
BLM - SLC

Attachments:

Exhibit "A" - Ten Point Compliance Program
Exhibit "B" - B.O.P. Schematic
Exhibit "C" - Proposed Production Layout
Certified Survey Plat
13 Point Surface Use Plan and Maps

RECEIVED
NOV 1983
DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Steve Jenner TITLE Field Services Admin. DATE 9-30-83

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [signature] TITLE DISTRICT MANAGER DATE 11/30/83

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

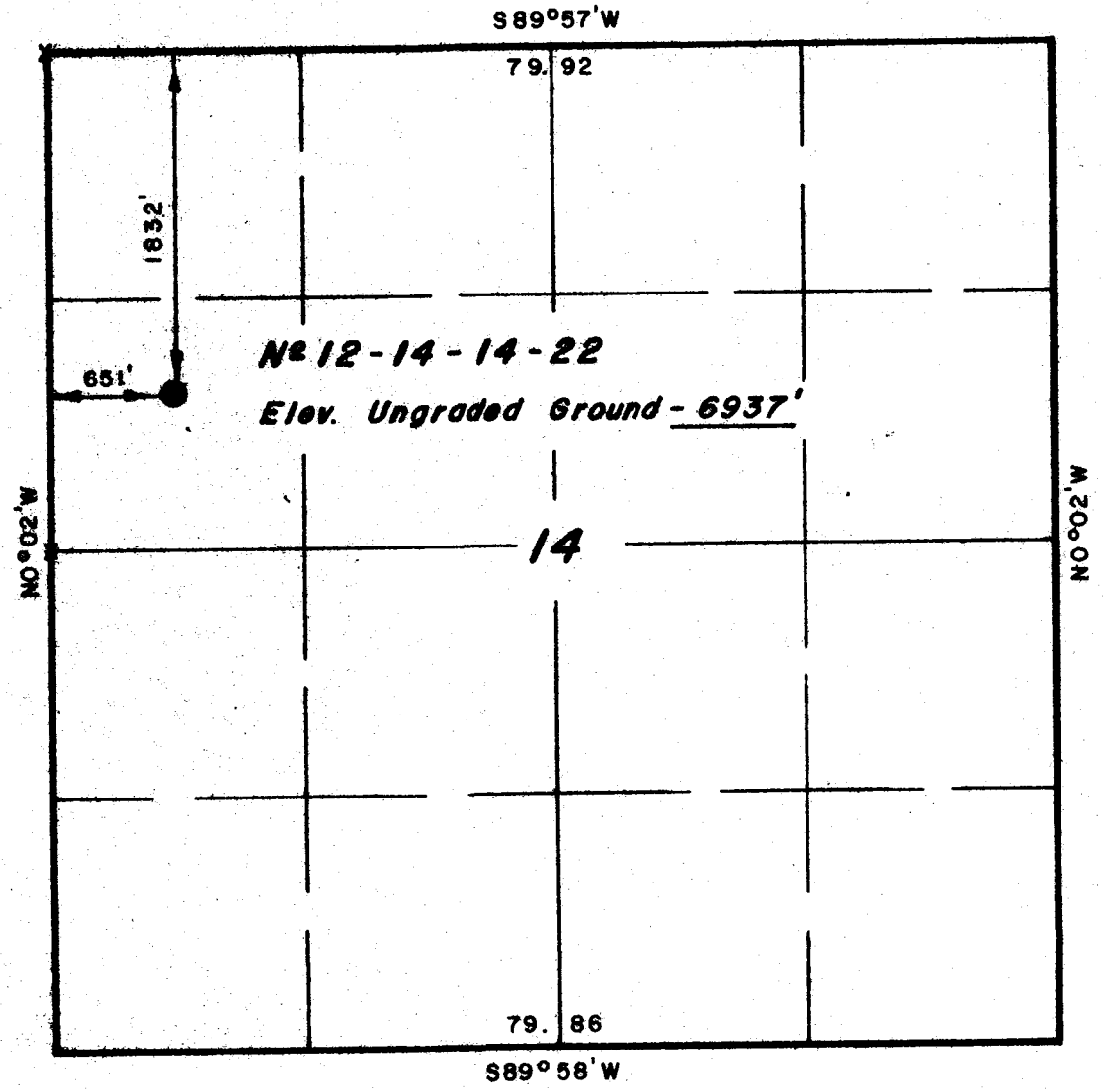
State Oil Gas & Mining

PROJECT

COSEKA RESOURCES U.S.A. LTD.

Well location, Nº 12-14-14-22, located as shown in the SW 1/4 NW 1/4 Section 14, T14S, R22E, S.L.B.&M. Uintah County, Utah.

T 14 S, R 22 E, S.L.B.&M.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q – 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9/1/83
PARTY LDT DK TJ S.B	REFERENCES GLO Plat
WEATHER Warm	FILE COSEKA

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

IN REPLY
REFER TO:
T & R
U-802

November 30, 1983

Conditions of Approval of Projects

Re: Coseka Resources
Well #12-14-14-22
Sec. 14, T14S, R22E
Uintah County, Utah

1. Travelling off access road rights-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area. Roads will be crowned and properly maintained. Bar ditches will be installed where necessary.

2. There will be no burying of trash or garbage at the well sites.

3. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding requirements.

4. Adequate and sufficient (electric/radioactive) logs will be run to locate and identify anticipated coal beds in the Mesaverde formation and in the prime oil shale horizons in the Green River formation. Casing and cementing programs will be adjusted to eliminate any potential influence of the well bore or productive hydrocarbon zones on the coal resource and on the oil shale resource. Surface casing program may require adjustment for protection of fresh water aquifers.

5. Additional stipulations are attached for production facilities.

ADDITIONAL STIPULATIONS FOR PRODUCTION FACILITIES

(1) The oil and gas measurement facilities must be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy are to be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. Please provide this office with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports are to be submitted to the Vernal District Office. Royalty payments will be made on all production volume as determined by the meter measurements or the tank measurements. All measurement facilities must conform with the API standards for liquid hydrocarbons and the AGA standard for natural gas measurement.

(2) Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and 500 feet downstream of the meter run or any production facilities. Meter runs must be housed and/or fenced.

(3) All disturbed areas not required for operations will be rehabilitated.

(4) All produced liquids must be contained including the dehydrator vent/ condensate line effluent. All production pits must be fenced.

(5) The well activity, the well status and the date the well is placed on production must be reported on Lessee's Monthly Report of Operations, Form 9-329.

(6) All off-lease storage, off-lease measurement, or commingling on lease or off-lease must have written approval.

(7) All product lines entering and leaving hydrocarbon storage tanks must be locked/sealed.

(8) You are reminded of the requirements for handling. storing, or disposing of water produced from oil and gas wells under NTL-2B.

(9) All materials, trash, junk, debris, etc. not required for production must be removed from the well site and production facility site at the completion of these operations.

(10) A copy of the Gas Sales Contract will be provided to this office and the Royalty Accounting Department as directed.

(11) Construction and maintenance for surface use approved under this plan should be in accordance with the surface use standards as set forth in the BLM/GS Oil and Gas Brochure entitled, "Surface Operating Standards for Oil and Gas Exploration and Development." This includes, but is not limited to, such items as road construction and maintenance, handling of top soil and rehabilitation.

(12) "Sundry Notice and Reports on Wells" (form 9-331) will be filed for all changes of plans and other operations in accordance with 43 CFR 3164.

Emergency approval may be obtained verbally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, measurement facilities, etc., will require the filing of a suitable plan and prior approval by the survey.

(13) All permanent (on location for six (6) months duration or longer) structures constructed or installed, including the covering over tank insulation, shall be painted a flat, non-reflective, earth tone color to match the standard environmental colors Rocky Mountain 5 States Interagency Committee or an approved equal. All facilities shall be painted within six (6) months of when the production facilities are put in place. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

United States Department of the Interior
GEOLOGICAL SURVEY
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

February 2, 1981

General Outline for the Protection and Isolation of Ground Water and Oil Shale in the Uinta Basin.

The oil shale occurs with varying thicknesses in most parts of the Uinta Basin and at varying depths. Ground water also occurs at varied depths above and below the Oil Shale. These ground waters have varying degrees of salinity. Nonetheless, drilling for hydrocarbon in the Uinta Basin should provide for the protection of the oil shale and the ground water if either is present.

The protection of the oil shale and the ground water can effectively be carried on through the design of an adequate casing and cementing program for each well drilled in the area.

In the Uinta Basin, water occurs mainly in the Uinta and the Green River formations. As drilling for hydrocarbon gets deeper into the crust of the earth, more ground water might be encountered and will be protected as it is encountered.

This notice's purpose is to attempt to lay the groundwork for a casing program and cementing program that will protect the oil shale and the ground water if present.

These programs are to be considered as guidelines. The specificity of casing depth, amount of cement and the depth of staging collars will be considered on an individual basis after a careful study of the logs of each individual well. Cementing from the bottom up is an economical solution if carefully conducted.

The casing and cementing program presented here as an example, will assume that fresh water was encountered in the upper parts of the Green River, that the oil shale occurs in the middle of the Green River (1000 foot section) and that some ground water is encountered in the lower parts of the Green River.

In this case, three areas will have to be cemented to assure the integrity of the ground water and oil shale. These areas are above the upper fresh water, across the oil shale and below the lower water aquifer. Deep aquifers that do not contain useful water are cemented to prevent water zone influence on production.

The following casing and cementing program will be appropriate for this example:

A. Surface casing is set at approximately 300 feet and cemented to the surface.

B. The next casing string will be set at approximately 300 feet below the lowest aquifer. Cementing will be done in three stages, using two stage collars and cement baskets or equivalent as described below and on attached sketches:

1. Cement first stage through the casing shoe to fill annulus back to base of lower aquifer.

2. Place 1st stage collar (with cement basket immediately below) at a selected point at the base of the oil shale. Cement will have to reach top of oil shale.

3. Place 2nd stage collar (with cement basket immediately below) 50 feet above the top of the Bird's Nest aquifer and cement to at least 300 feet above the stage collar.

C. The above is an example. Reasonable equivalents that accomplish these same protective measures, (such as cementing the water zones instead of isolating them), depending on the individual cases will be considered for approval.

D. When the above mentioned well is to be abandoned, inner-casing plugs will have to be placed at the same depth as the above mentioned annulus cement jobs.

The use of cement bond logs will verify the authenticity of the cement job performed.

E. The Operator of such well should notify U.S.G.S. 48 hours prior to commencement of casing and cementing activity, so a technician could be dispatched to witness the operations to verify compliance with casing and cementing program.

Attached Sketches:

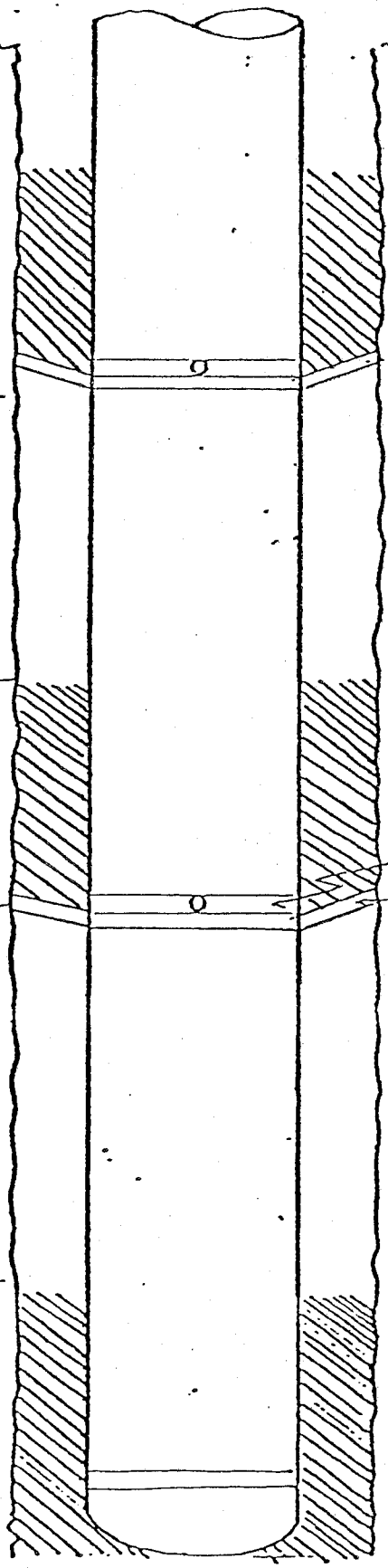
1. Schematic of the required casing and cementing program.

2. Cross section of the Uinta Basin.

3. Schematic of the general ground water protection program.

AMR/kr

PARTIAL CASING & CEMENTING PROGRAM FOR WELL
NATURAL BUTTES FIELD. UINTAH COUNTY, UTAH



NO SCALE

Uinta formation

BIRDS NEST AQUIFER
HORSEBENCH SANDSTONE

GREEN RIVER

OIL SHALE ZONE

DOUGLAS CREEK AQUIFER
LIMESTONE & SANDSTONE

CEMENT BASKET IS PLA
50' ABOVE TOP AQUIFE
CEMENT TO RISE
LEAST 300' IN ANNUL

STAGE COLLAR
CEMENT BASKET

CEMENT BASKET IS SET
CONSOLIDATED SECTION AT
BASE OF THE OIL SHALE ZO
CEMENT TO REACH THE
OF THE MAHOGANY ZONE

CEMENT WILL REACH B
OF LOWER AQUIFER

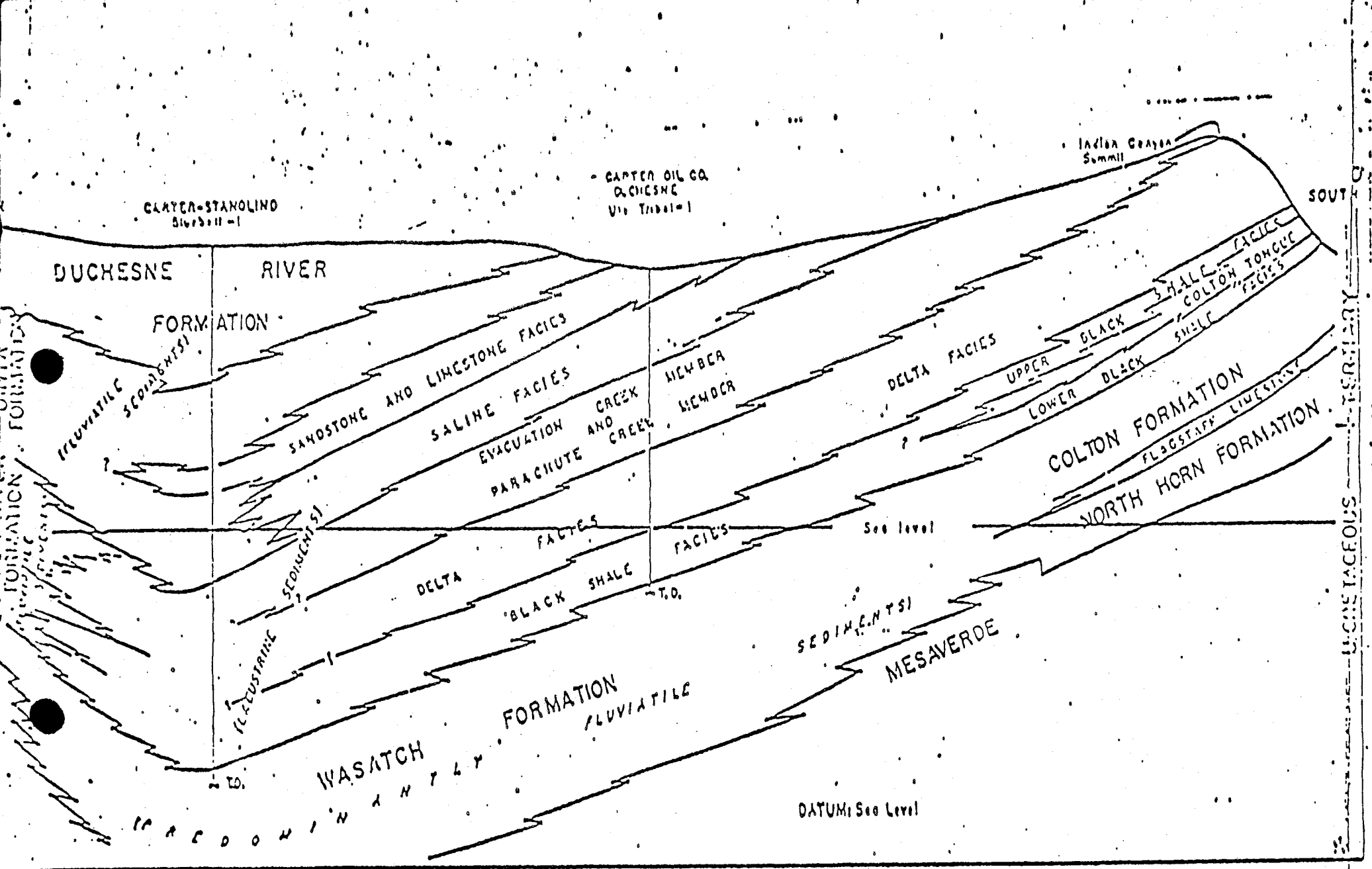


Figure 5.- View east of cross section of Uinta Basin showing stratigraphy and intertonguing of Tertiary rocks. Ute Tribal-1 (in section) is located about 8 miles southeast of the application area.

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

CONFIDENTIAL

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [ ] GAS WELL [X] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Coseka Resources (USA) Limited

3. ADDRESS OF OPERATOR: P.O. Box 399, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 651' FWL, 1,832' FNL Section 14, T14S, R22E, S.L.B.& M.
At proposed prod. zone: Same

5. LEASE DESIGNATION AND SERIAL NO.: U-38072

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Pine Spring

8. FARM OR LEASE NAME: Federal

9. WELL NO.: 12-14-14-22

10. FIELD AND POOL, OR WILDCAT: ~~Wildcat~~ UNDESIGNATED

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 14, T14S, R22E

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 39.1 miles south of Ouray, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 651'

16. NO. OF ACRES IN LEASE: 639.79

17. NO. OF ACRES ASSIGNED TO THIS WELL: 160

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1,000'

19. PROPOSED DEPTH: 3,100' MESAVERDE

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 6,937' Ungr.

22. APPROX. DATE WORK WILL START*: November 10, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24#	500'	To surface
6 1/4"	4 1/2"	10.5#	T.D.	To surface casing

Attachments:

Exhibit "A" - Ten Point Compliance Program
Exhibit "B" - B.O.P. Schematic
Exhibit "C" - Proposed Production Layout
Certified Survey Plat
13 Point Surface Use Plan and Maps

RECEIVED
OCT - 4 1983
DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED Steve Schmidt TITLE Field Services Admin. DATE 9-30-83

(This space for Federal or State office use)

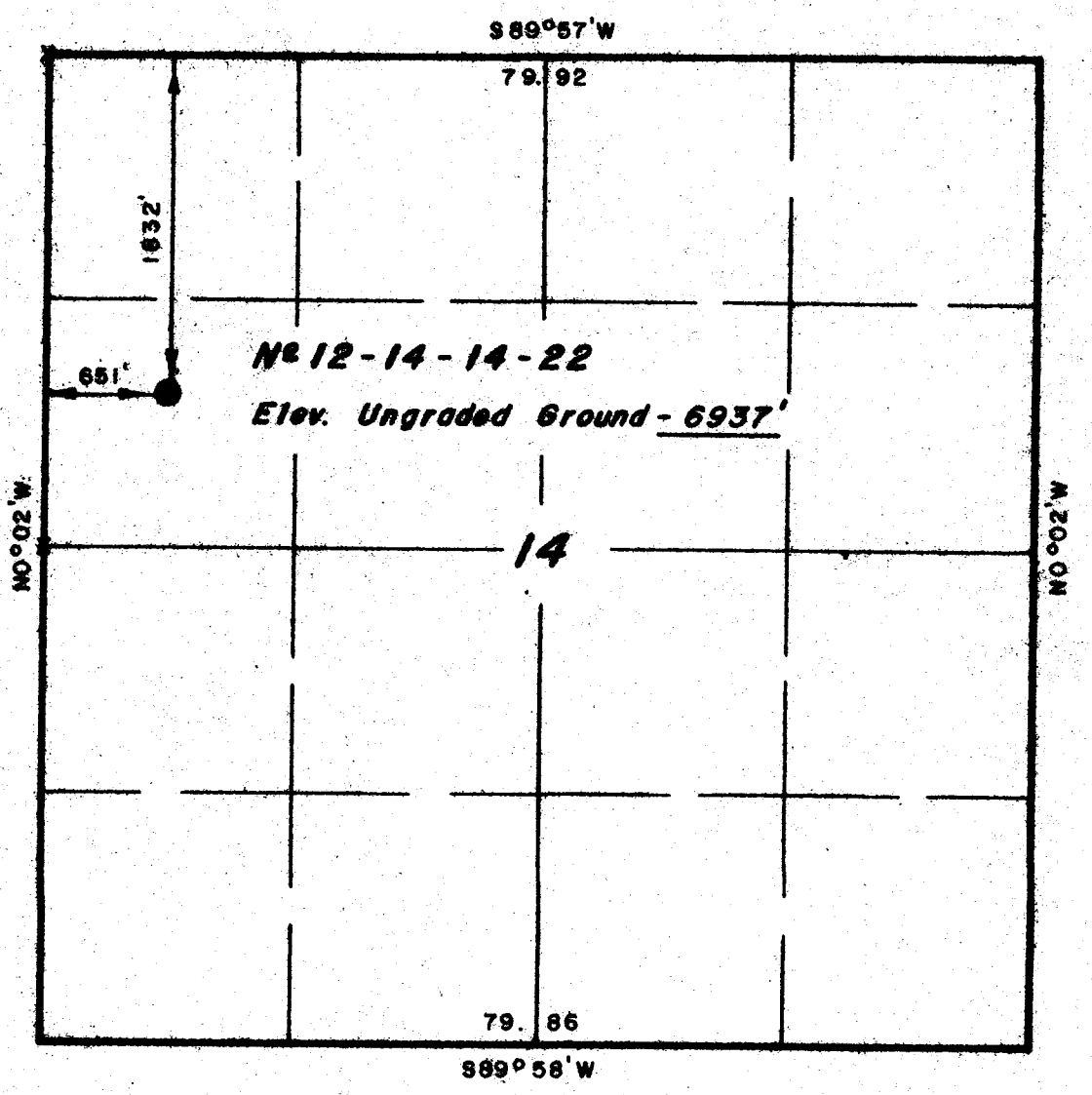
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

M 10-7

T 14 S, R 22 E, S.L.B.&M.



X = Section Corners Located

PROJECT

COSEKA RESOURCES U.S.A. LTD.

Well location, Nº 12-14-14-22, located as shown in the SW 1/4 NW 1/4 Section 14, T14S, R22E, S.L.B.&M. Uintah County, Utah.

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION Nº 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q – 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 9/1/83
PARTY LDT DK TJ SB	REFERENCES GLO Plat
WEATHER Warm	FILE COSEKA

Exhibit "A"

Ten Point Compliance Program

NTL-6

Attached to Form 9-331C
Well #12-14-14-22

1. The geological name for the surface formation is the Green River Formation of Middle Eocene Age.

2. The estimated tops of important geological markers with depths calculated from an estimated RKB elevation of 6,937' are as follows:

Top Wasatch	1,427'
Top Wasatch Limestone	1,667'
Top Dark Canyon	2,432'
Top Upper Sand Bench	2,572'
Top Lower Sand Bench	2,782'
Top Mesa Verde	3,032'
Total Depth	3,100'

3. Of the formations listed above it is anticipated that the Dark Canyon sands may be gas bearing in the well.

4. The proposed casing program for completion of this well will consist of 4 1/2", 10.5#, K-55 new casing; 500' of 8 5/8", 24#, H-40 surface casing will be run and will be new.

5. The operator's minimum specifications for pressure control equipment are as follows:

   A 10" Series 900 Hydril Bag type BOP and a 10" Double Ram Hydraulic unit with a closing unit will be utilized. Additionally, while air drilling, a Series 900 Rotating Head will be used. Pressure tests of BOP's to 1000# will be made after installation and operation and will be checked daily. (See Exhibit "B")

6. It is proposed that the hole will be drilled with air and mist as necessary in order to clean the hole.

7. Auxiliary equipment to be used will be a Kelly Cock and a Float at the Drill bit.

8. No coring or drill stem testing has been scheduled for this well. The logging will consist of a dual induction laterolog and a compensated neutron formation density log.

9. It is not anticipated that abnormal pressures or temperatures will be encountered nor that any other abnormal hazards such as H_2S gas will be encountered in this area.

10. It is anticipated that this well will be commenced approximately November 10, 1983 and that the operations will last three weeks.

NORMAL FORMATION PRESSURES AND TEMPERATURES ARE EXPECTED AND
BOP EQUIPMENT WILL BE 900 SERIES 3000 PSI W[redacted].

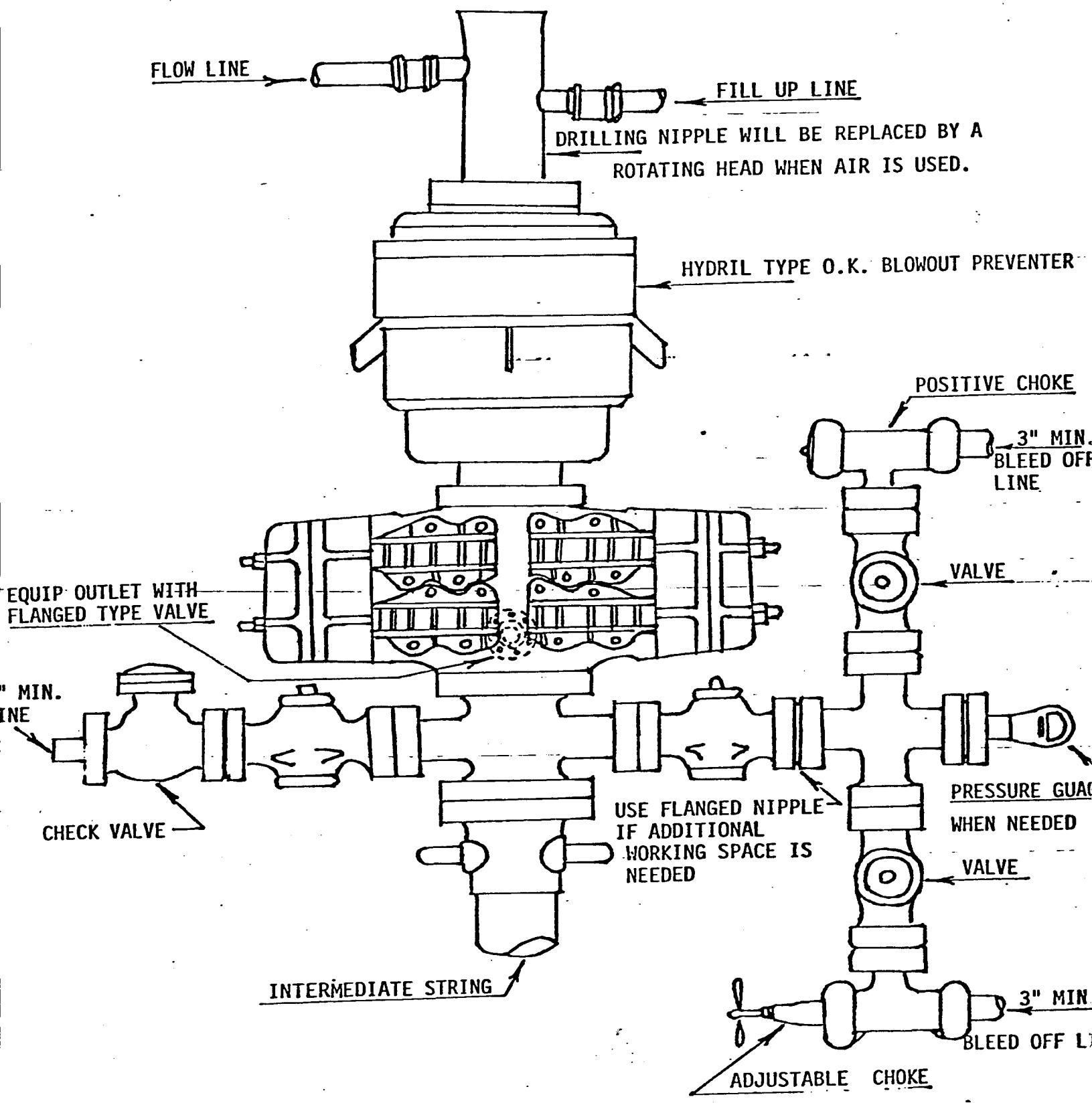


EXHIBIT B 12-14-14-22

Coseka Resources (U.S.A.) Limited

13 Point Surface Use Plan

for

Well Location

#12-14-14-22

Located in

Section 14, T14S, R22E

Uintah County, Utah

1. Existing Roads

A. For the location of the proposed well and the existing roads, see the attached Topographic Maps "A" and "B". The proposed well is located in the SW 1/4 NW 1/4 Section 14, T14S, R22E, S.L.B.& M. See well plat.

B. The proposed location is approximately 39.1 miles south of Ouray, Utah. To reach Coseka Resources Well #12-14-14-22, proceed south from Ouray on the Seep Ridge Road for 38.6 miles. Turn right and continue 0.4 mile. Turn left and continue 0.1 mile along the proposed access road to location. The Seep Ridge Road is a dirt and gravel surface all weather road. The BLM road will be upgraded to the standards outlined in Section 2, Planned Access Roads.

C. The proposed route is outlined on Topographic Map "A"

D. See Topographic Map "B".

E. Not applicable.

F. Access to the well site will be over existing county and BLM roads. No private roads will be used. County and BLM roads will be regularly maintained by grading, crowning and ditching at least once a year or when necessary. The proposed access road will be crowned and ditched so as to accommodate rig traffic. Maintenance will be in accordance with the standards set forth in the brochure Surface Operating for oil and gas exploration.

2. Planned Access Roads

The BLM will be notified at least 24 hours prior to any construction. Construction will be in accordance with the standards set forth in the brochure Surface Operating Standards for oil and gas exploration.

See attached Topographic Map "B".

The planned access road will be approximately 0.1 mile in length and will comply with the general specifications as outlined.

(1) The proposed access road will be an 18' crown road usable (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from any normal weather conditions that are prevalent to this area.

(2) There is no noticeable grade on this proposed access road. See Topo Map "B" for details of maximum grades and drainage crossings.

(3) No turnouts are planned for the length of the proposed access road, so that additional cut disturbance on the proposed access can be kept to a minimum.

(4) No drainages are crossed.

(5) This access route traverses no steep side slopes.

(6) Surfacing material shall be the native borrow material from the cut areas and will be used to stabilize the road surface and location. No other material for construction is anticipated.

(7) No fences are crossed, no cattleguards or gates will be required.

(8) The road has been center-line flagged for the full distance of the proposed route.

3. Location of Existing Wells

See Map "C". For information purposes, the following wells are within a two mile radius of the proposed well.

(1) Water wells - None

(2) Abandoned wells - 2 in Section 14, T14S, R22E

(3) Temporarily abandoned wells - None

(4) Disposal wells - None

(5) Drilling wells - None

(6) Producing wells - 1 in Section 3, T14S, R22E
1 in Section 15, T14S, R22E
1 in Section 16, T14S, R22E

(7) Shut-in wells - None

(8) Injection wells - None

(9) Monitoring wells - None

4. Location of Existing and Proposed Facilities

A. There are no existing production facilities located within one mile of the proposed well. See Topographic Map "B".

(1) Tank batteries - None

(2) Production facilities - None

(3) Oil gathering lines - None

(4) Gas gathering lines - None

(5) There are no injection lines in the area.

(6) There are no disposal lines in the area.

There is a 6 inch buried gas line that belongs to Northwest Pipeline running along the Seep Ridge Road.

B. Due to the exploratory nature of the Coseka Resources drilling program, we are unable to anticipate any production. However, the attached Exhibit "C" shows the proposed production facilities that will be utilized in the event commercial gas is encountered. All production facilities will be kept on the pad and will be painted an earth tone color to match mesa brown enduratone or an approved equal. The off-location gas gathering line will be proposed and plans submitted after the well is completed and tested.

Construction materials will be native borrow or cut exposed on the site, and will be consistent with accepted oil field standards and good engineering practices.

A net sheep wire fence with one strand of barbed wire will be constructed and maintained around any disposal pits during the drilling and completion phase of the well. When these pits are no longer needed and have been allowed to dry, they will be covered over with native borrow material and rehabilitated to conform with the provisions of the rehabilitation agreement of BLM standards. A welded pipe fence will be constructed around the wellhead to prevent access to livestock or larger wildlife.

C. Rehabilitation of the pits is discussed above. The remaining pad not used for producing operations will be recontoured to conform with the natural grade and covered with topsoil stockpiled on the site. This area will be reseeded as per current BLM guidelines.

5. Location and Type of Water Supply

A. Water to be used to drill this well will be hauled by truck from a pond in the NE 1/4 NE 1/4 of Section 31, T14S, R22E. Coseka Resources has negotiated a water agreement with Bert DeLambert. P.R. Spring will not be used for a water source.

B. Water will be hauled by trucks on the above described access route. See route on Topographic Map "A". No new roads or pipelines will be needed for this purpose.

C. No water well will be drilled.

6. Source of Construction Materials

A. All construction materials for this location site and access road shall be native borrow rock and soil accumulated during the construction. No additional road gravel or pit lining materials are anticipated at this time, but if they are required, appropriate action will be taken to acquire them from private sources after notification is given to the proper regulatory agencies.

B. Items described in part "A" are from Federal lands.

C. See part "A".

D. No other access roads are required other than described in Item 2.

7. Methods for Handling Waste Disposal

See Location Layout for the size and location of the reserve pit and the location of the fine mesh wire trash cage. Excess "cut" material will be stockpiled as marked on the Location Layout Sheet.

(1) Drill cuttings, drilling fluids, salts, chemicals and produced fluids will be disposed of in the reserve pit, that is lined with plastic, on the location pad. This pit will be approximately 8 feet deep and at least one half of this pit will be used as a fresh water storage during the drilling of the well. The disposal and storage areas shall be separated by a dike. Dust produced during the air drilling phase shall be suppressed by inserting a water hose with a spray nozzle into the 7" flow line. A water mist will be continuously injected into the dust stream during the dusting phase of the drilling.

(2) See Item 1 above for disposal of drilling fluids.

(3) See Item 1 above for disposal of produced water. Any oil produced after the well is connected to a pipeline will be collected in a tank on location and trucked for sale to the buyer to be determined at that time. No oil production is anticipated from this well.

(4) A portable chemical toilet will be provided for human waste during the drilling phase.

(5) Garbage and other waste material will be contained in a trash cage and hauled away by truck to a disposal site provided by Galley Construction in Grand Junction, Colorado. Burn pits will not be used.

(6) Immediately after the drilling rig moves off the location, the remaining trash and garbage will be collected and hauled away by truck. The reserve pit will be fenced on the open side, to protect domestic animals and wildlife. This pit will be utilized during the completion and testing phase of the well for storage of produced fluids. As soon as the testing is completed, the pit will be covered. The drilling pad will then be reclaimed as detailed in Item 10 discussed below.

8. Ancillary Facilities

No airstrips or camps are planned for this well.

9. Well Site Layout

See attached Location Layout Sheet which shows the following items:

(1) Cross section of the pad showing details of the cuts and fills.

(2) Location of the reserve and blooey pits, pipe racks, living facilities and excess "cut" stockpile. Topsoil will be stripped to a depth of 6 inches and stockpiled betwen corner #7 and #8.

(3) Rig orientation, parking areas and access road.

(4) All pits will be unlined unless it is determined by the representatives of the agencieis involved that the pad materials are too porous and would not prevent contamination to the surrounding area; then the pits will be lined with a bentonite gel or other materials necessary to make them impermeable.

(5) Trees on the pad will be cut and removed from the area.

10. Plans for Restoration of Surface

The BLM will be notified at least 24 hours prior to any rehabilitation activities.

In the event of a dry hole, pits will be allowed to dry and will then be backfilled and waste pits will be backfilled. The location will be restored to as near the original contour as feasible and then reseeded.

(1) Upon completion of the testing phase of the well and prior to the pipeline hookup, the areas not needed for access to the well and used for producing operations shall be filled and recontoured to blend with the surrounding topography, then ripped to a minimum depth of twelve inches throughout the unused disturbed area. After final plugging and abandonment of the well, the entire disturbed area will be contoured and ripped as described above over any previously disturbed area.

(2) The revegetation of the drill site area and access not needed to carry on production operations will be reseeded with a seed mixture recommended by the BLM District Manager. It will be performed at a time of the year when the moisture content of the soil is adequate for germination. The Lessee agrees that all of the clean-up and restoration activities shall be done in a diligent and timely manner and in conformity with the above mentioned Items 7 and 10 (1).

(3) All pits will be fenced prior to disposal of any waste material and the open side of the reserve pit will be fenced before removing the rig from the location. The fences will be maintained in good condition until Item (1) is started.

(4) Any oil or condensate in any temporary pit will be removed in a timely manner. Overhead flagging or netting will be installed on any sump pit used to handle well fluids during the producing life of the well.

(5) Restoration activities shall begin within 90 days after the completion of the well. Once completion activities have begun, they shall be completed within 30 days. All wellhead and surface

equipment will be painted to blend with the environment according to the specifications outlined in Section 4B.

11. Other Information

The topography of the general area is mountainous and cut with numerous canyons. The Green River shale is a weather resistant cap which has produced the flat-top nature of the area. The soils in this semi-arid area are of the Green River formation (Middle Eocene) and the Wasatch formation (Lower Eocene) consisting of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels. Out crops of sandstone ledges, conglomerate deposits and shale are common in this area. The topsoils in the area range from sandy clay (SM-ML) to clayey (OL) soil.

Vegetation in the area consists of fir trees, aspen and mature spruce trees with grasses and low ground cover in the clearings. On the lower elevations, the vegetation consists of juniper and pinon pine forests as the primary flora with areas of sagebrush, rabbit brush, some grasses and cacti. Removal of the trees and brush in the area will be required on the proposed access route and in the pad area, but will be kept to a minimum and conform to BLM regulations.

Fauna of the area consists of a migrating mule deer population, coyotes, bear, rodents, birds, and fauna connected with a high altitude environment. Access to the well is across Federal leases. Surface administration lies with the Bureau of Land Management.

The majority of the washes and streams in the area are of a non-perennial nature flowing during the early spring runoff or during extremely heavy rainstorms, which are extremely rare. The normal annual rainfall in the area is only 8". The only live water stream within 5 miles of the well site is Main Canyon.

There are no occupied dwellings and ranch facilities in the general area. There are no visible archaeological, historical and cultural sites within reasonable proximity of the proposed location site. However, the location itself has been cleared of cultural resources by the firm of Gordon & Kranzush and the Cultural Resource completion report has been sent to the BLM.

12. Lessee's or Operator's Representative

Stacy Stewart, Field Services Adm.
Coseka Resources (U.S.A) Ltd.
P.O. Box 399
Grand Junction, Colorado 81502

(303) 245-6220 (Office)
(303) 241-0557 (Home)

Gary Roberts, Field Services Adm.
Coseka Resources (U.S.A.) Ltd.
P.O. Box 399
Grand Junction, Colorado 81502

(303) 245-6220 (Office)
(303) 241-5834 (Home)

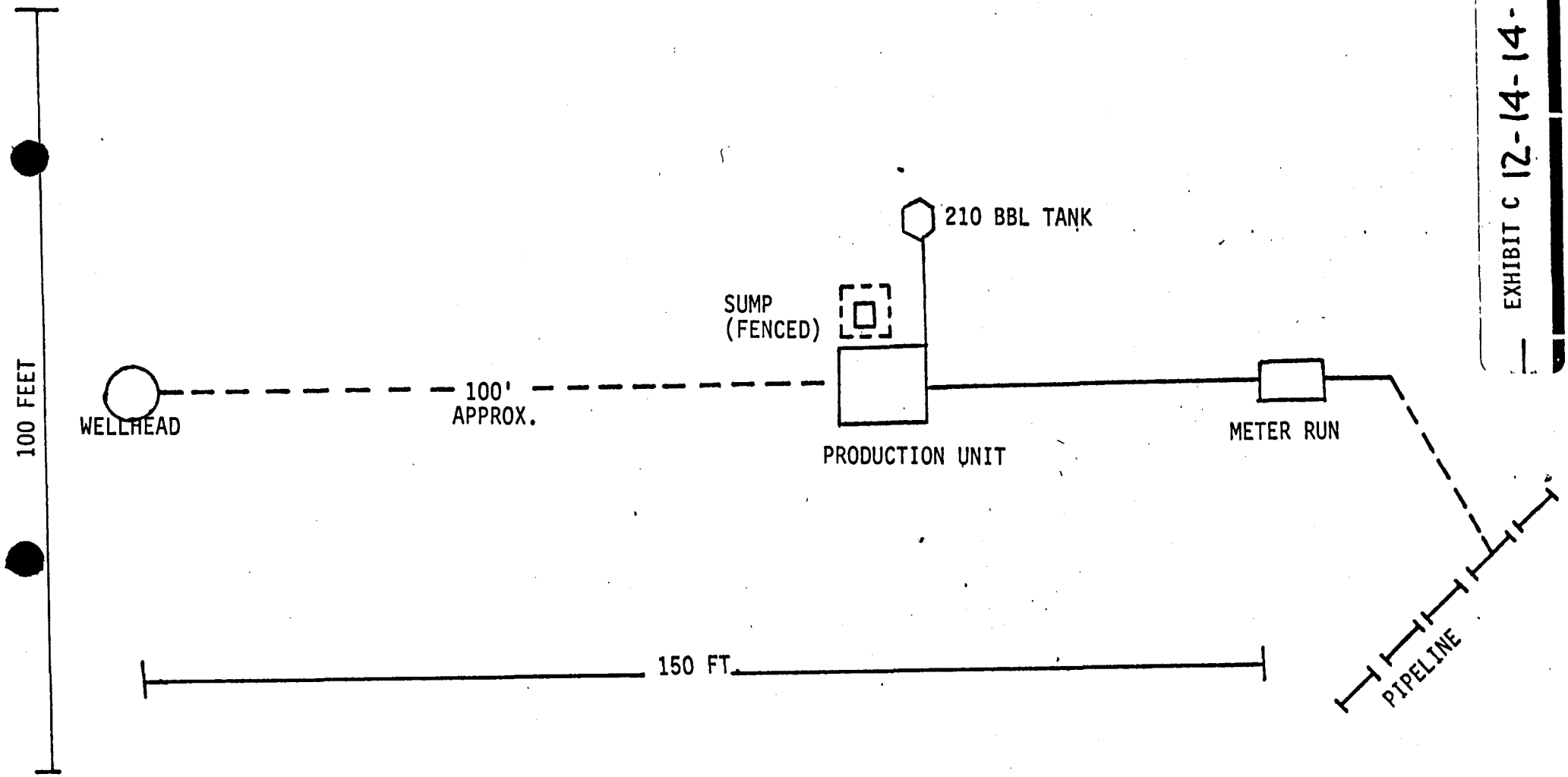
Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access routes; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct, and that the work associated with the operations proposed herein will be performed by Coseka Resources (U.S.A) Limited and its contractors and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

9-30-83
Date

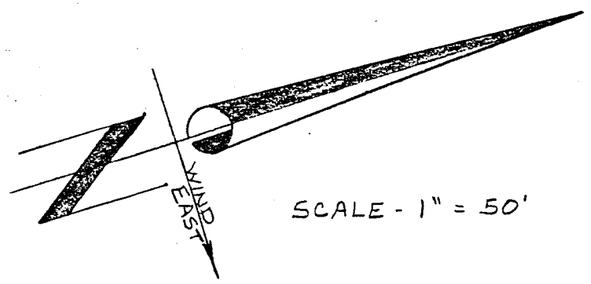
Stacy Stewart, Field Services Administrator

EXHIBIT C 12-14-22

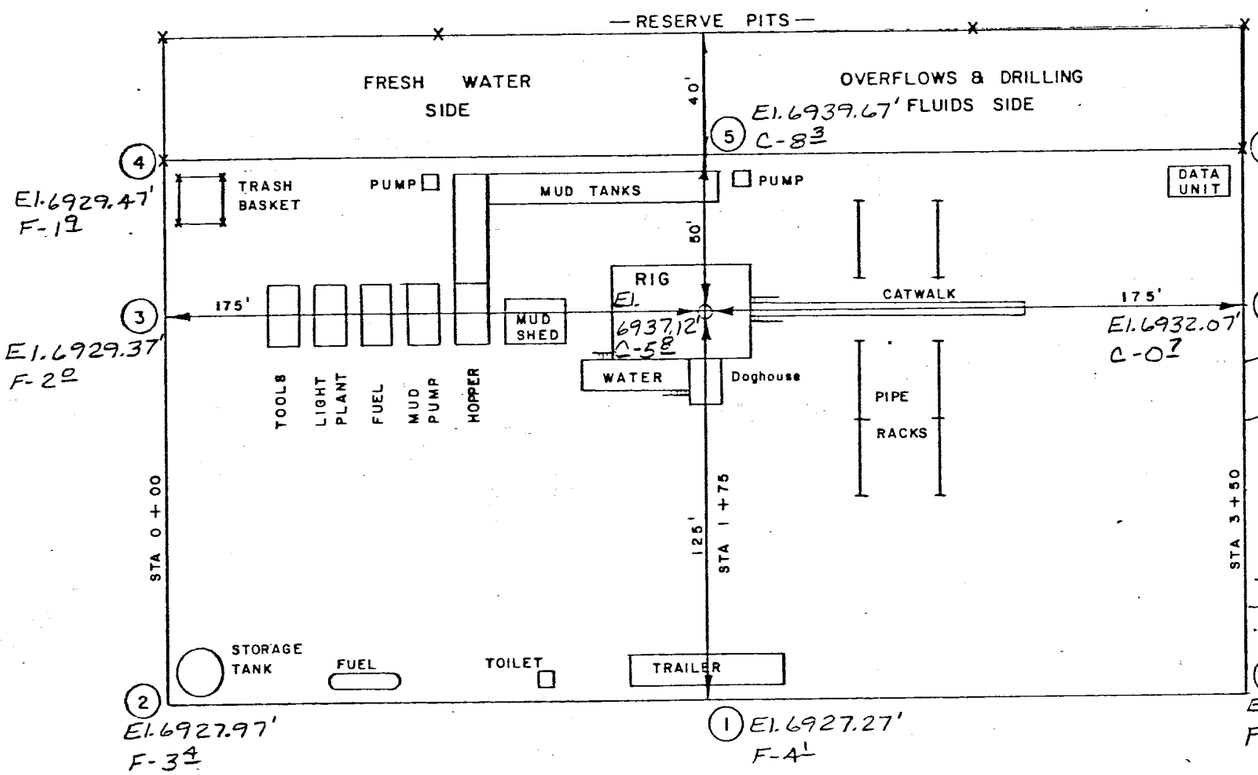


PRODUCTION LAYOUT

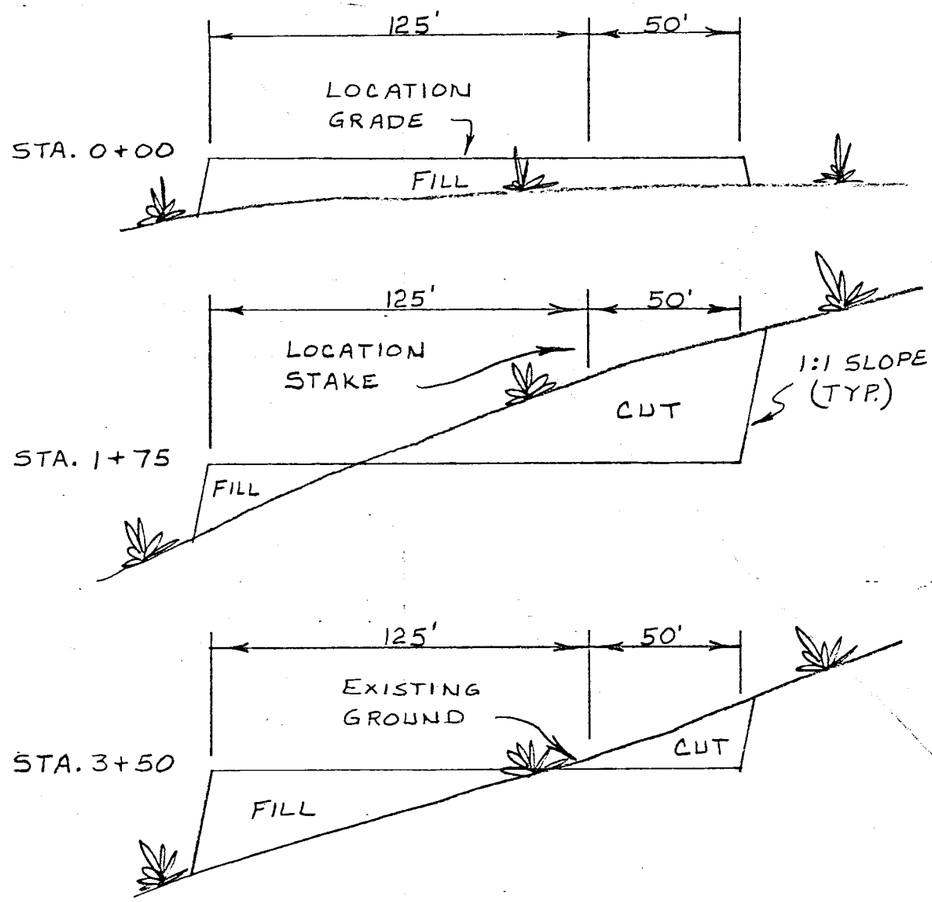
COSEKA RESOURCES U.S.A. LTD.
#12-14-14-22



SCALE - 1" = 50'

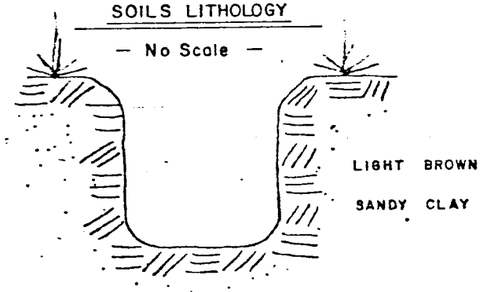


CROSS SECTIONS



SOILS LITHOLOGY

— No Scale —



SCALES

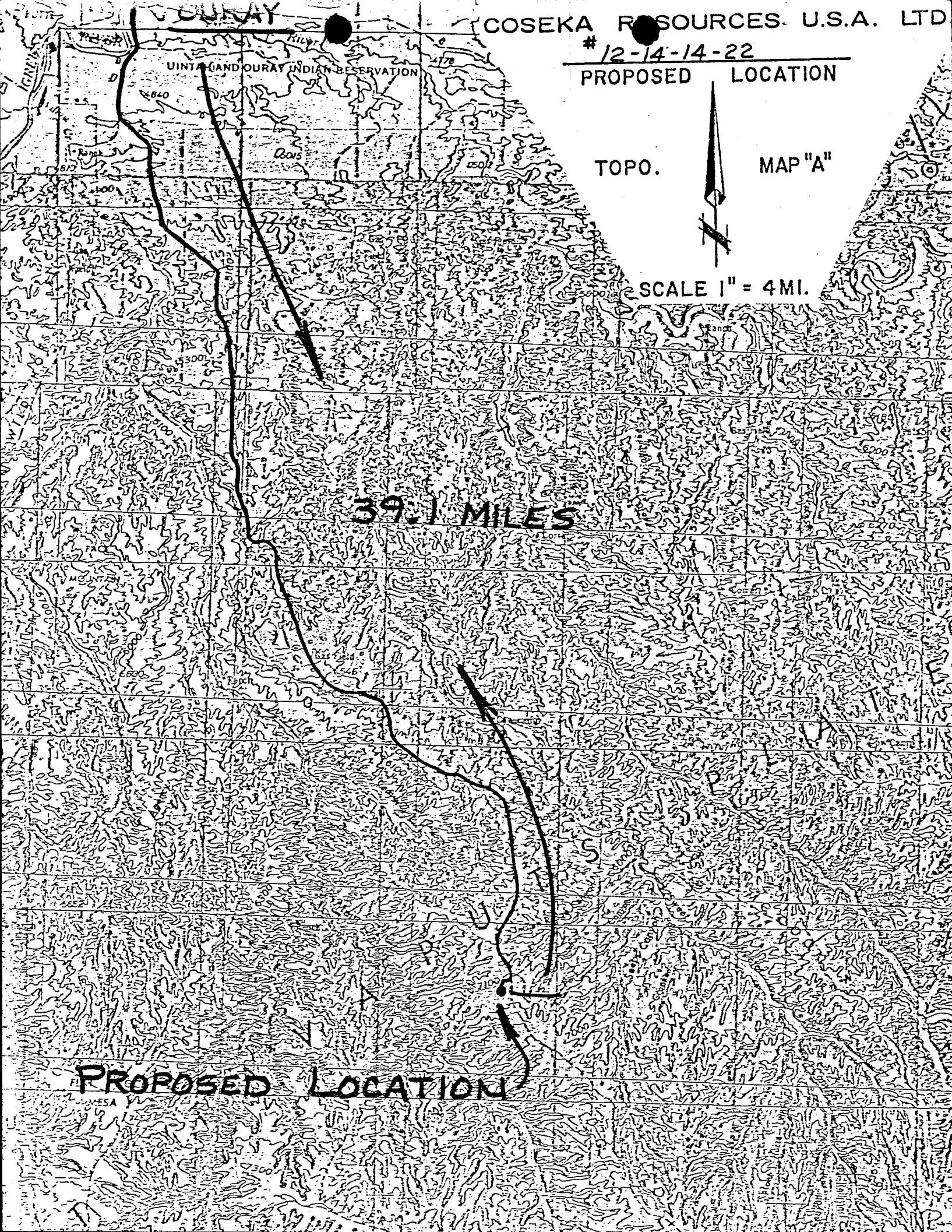
1" = 10'

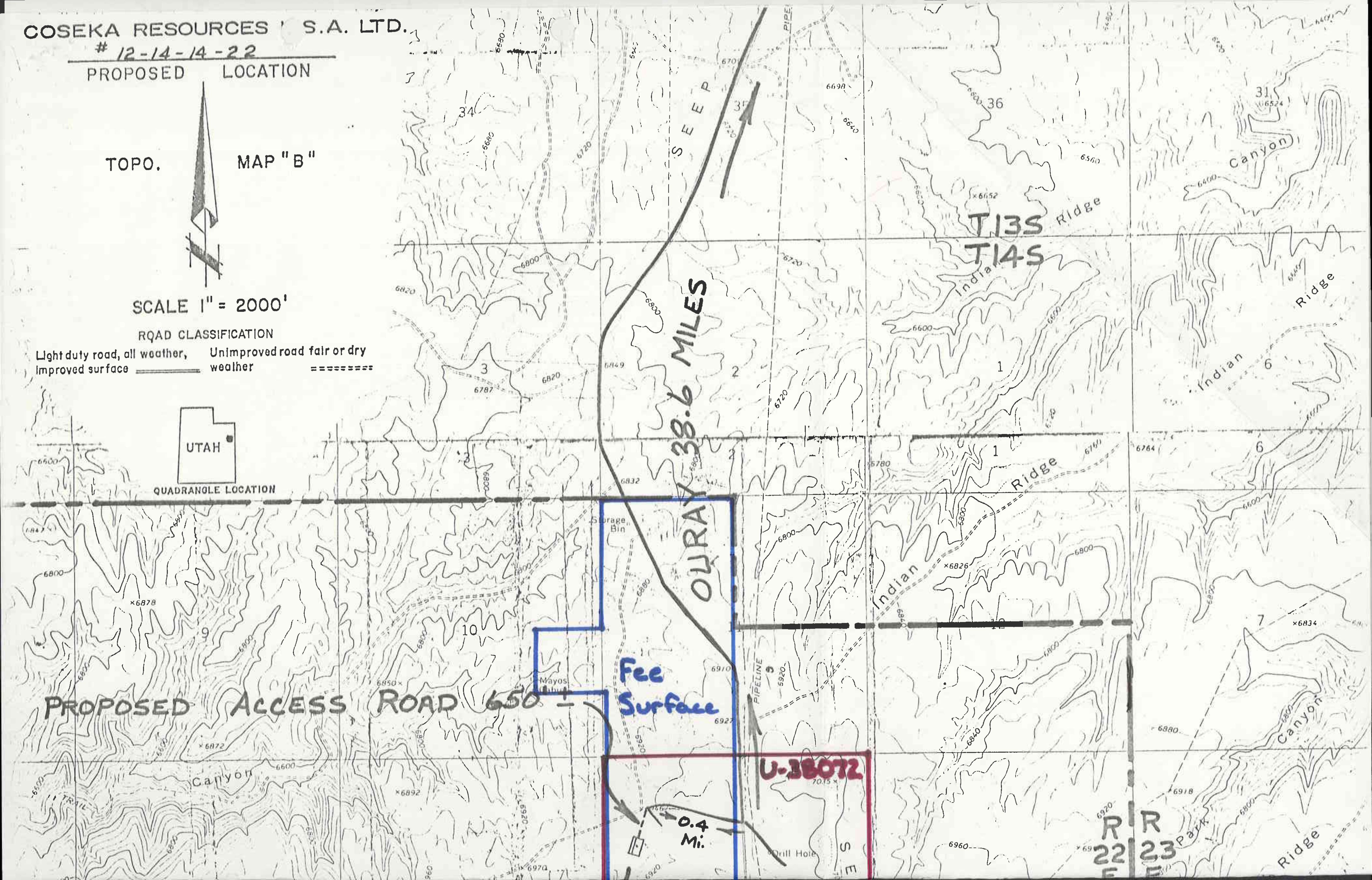
1" = 50'

APPROXIMATE YARDAGES

Cubic Yards of Cut — 4,413

Cubic Yards of Fill — 3,674


COSEKA RESOURCES U.S.A. LTD
12-14-14-22
PROPOSED LOCATION
TOPO. MAP "A"
SCALE 1" = 4MI.
UINTAH AND OURAY INDIAN RESERVATION
39.1 MILES
PROPOSED LOCATION



COSEKA RESOURCES ' S.A. LTD.
12-14-14-22
PROPOSED LOCATION
TOPO. MAP "B"
SCALE 1" = 2000'
ROAD CLASSIFICATION
Light duty road, all weather, improved surface
Unimproved road fair or dry weather
UTAH
QUADRANGLE LOCATION
OURAY 38.6 MILES
SEEP
T13S
T14S
Indian Ridge
Canyon
Fee Surface
PROPOSED ACCESS ROAD 650'
U-38072
0.4 Mi.
Drill Hole
Storage Bin
PIPELINE
R 22 E
R 23 E
Park

PROPOSED LOCATION
#12-14-14-22

Canyon

Wild Horse

Drill Hole

Drill Hole

Drill Hole

RIDGE

Park

PINE SPRING UNIT BOUNDARY

Canyon

Canyon

Canyon

Dugout

Pine Spring

Pine Spring

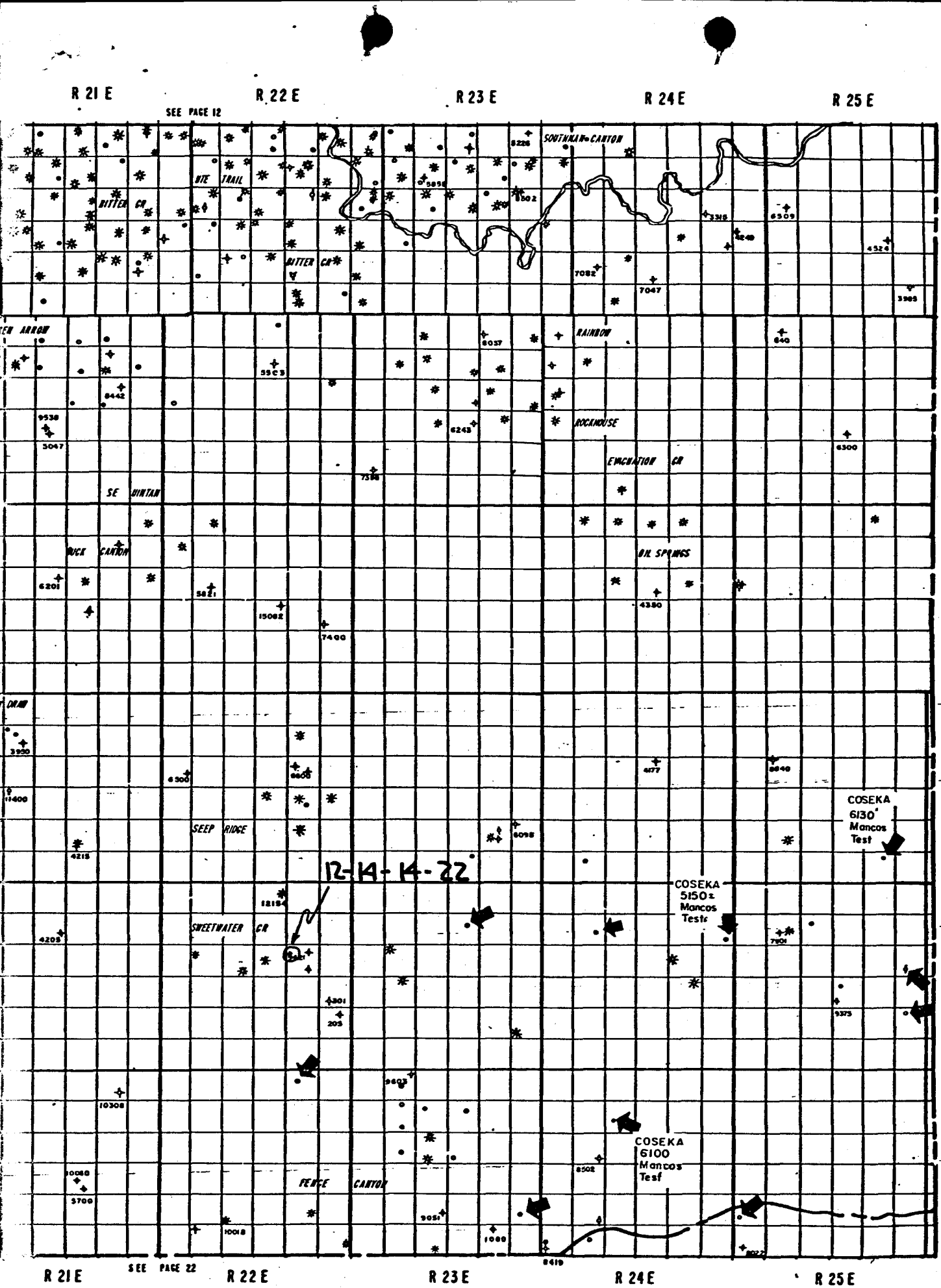
Blind Canyon

16 15 14 13 18

21 22 23 24 19

28 27 26 25 30

33 34 35 36 31


R 21 E
R 22 E
R 23 E
R 24 E
R 25 E
SEE PAGE 12
SEE PAGE 22
T 10 S
T 11 S
T 12 S
T 13 S
T 14 S
T 15 S
SOUTHAM CANYON
BITTER CR
BITE TRAIL
RAINBOW
ROCKHOUSE
EMIGRATION CR
SE UINTAH
OIL SPRINGS
SEEP RIDGE
SWEETWATER CR
FENCE CANYON
COSEKA 6130' Mancos Test
COSEKA 5150± Mancos Tests
COSEKA 6100 Mancos Test
CHANCELLOR Mancos Tests
12-14-14-22
21
UTAH

MAP "C"

CONFIDENTIAL

OPERATOR COSEKA RESOURCES (USA) LTD DATE 10-5-83

WELL NAME PINE SPRING FED 12-14-14-22

SEC SWNW 14 T 14S R 22E COUNTY UINTAH

43-047-31397
API NUMBER

FED
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX ☐ MAP ☐ HL

☐ NID ☐ ☐ PI

PROCESSING COMMENTS:
WATER OK 83-49-1

LEASE NO. SHOULD BE VALIDATED

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS AND MINING
DATE: 10-7-83
BY:

CHIEF PETROLEUM ENGINEER REVIEW:
10/10/83 Unit.

APPROVAL LETTER:

SPACING: ☒ A-3 PINE SPRING UNIT ☐ c-3-a CAUSE NO. & DATE

☐ c-3-b ☐ c-3-c

SPECIAL LANGUAGE:
This permit shall be void and of no effect until you have complied with rules of the Board to submit the required field reports for those wells which are identified by the attached 1st and 2nd notice letters. Send the reports as a package with reference to validating this letter of approval, and approval to drill the 6-12-14-21 well.

[✓] RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

[ ] AUTHENTICATE LEASE AND OPERATOR INFORMATION

[✓] VERIFY ADEQUATE AND PROPER BONDING FED

[✓] AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

[ ] APPLY SPACING CONSIDERATION

[ ] ORDER NO

[X] UNIT PINE SPRING

[ ] c-3-b

[ ] c-3-c

[redacted]

[✓] CHECK DISTANCE TO NEAREST WELL.

SECOND NOTICE

[ ] CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

[✓] IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

[✓] IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

October 7, 1983

Coseka Resources (USA) Limited
P. O. Box 399
Grand Junction, Colorado 81502

RE: Well No. Pine Spring Fed. 12-14-14-22
SWNW Sec. 14, T. 14S, R.22E
1832' FNL, 651' FWL
Uintah County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure. This permit shall be void and of no effect until you have complied with rules of the Board to submit the required field reports for those wells which are identified by the attached first and second notice letters. Send the reports as a package with reference to validating this letter of approval, and the letter of approval to drill the Pine Spring Fed. 6-12-14-21.well.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31397.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: Branch of Fluid Minerals
Encl.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

NAME OF COMPANY: COSEKA RESOURCES

WELL NAME: Pine Springs 12-14-14-22

SECTION SWNW 14 TOWNSHIP 14S RANGE 22E COUNTY Uintah

DRILLING CONTRACTOR Veco

RIG # 2

SPUDDED: DATE 12-14-83

TIME 12:01 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Teri Tabor

TELEPHONE # 303-245-6220

DATE 12-14-83 SIGNED AS

NOTICE OF SPUD

Company: Gaseka

Caller: Terry Tabor

Phone:

Well Number: 12-14-14-22

Location: SW NW 14-14S-22E

County: Uintah State: Utah

Lease Number: U-38072

Lease Expiration Date:

Unit Name (If Applicable): Pine Springs

Date & Time Spudded: 12:01 A.M. 12-14-83

Dry Hole Spudder/(Rotary): Veco Rig #2

Details of Spud (Hole, Casing, Cement, etc.) 12¼ hole

Rotary Rig Name & Number:

Approximate Date Rotary Moves In:

FOLLOW WITH SUNDRY NOTICE

Call Received By: Sat

Date: 12-14-83

State 016

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
COSEKA RESOURCES (USA) LIMITED

3. ADDRESS OF OPERATOR
P.O. Box 399, Grand Junction, CO 81502

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 651' FWL, 1832' FNL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Same

5. LEASE
U-38072

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Pine Spring

8. FARM OR LEASE NAME
Federal

9. WELL NO.
12-14-14-22

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 14, T14S, R22E, S.L.B.& M.

12. COUNTY OR PARISH: Uintah | 13. STATE: Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6937' Ungr.

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		☐
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☒
(other)			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Drilled well to 832'. Tools became stuck. Fished for 8 days with no success. Left top of fish @ 557'. Received verbal to plug well & skid rig, from Mr. Bill Martins, 12/23/83. Plugged well bore as follows:

Plug #1 539' - 250'
Plug #2 30' - Surface

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] TITLE Field Ser. Admin DATE 12/27/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 30, 1984

Coseka Resources (USA) Limited
1512 Larimer Street Suite #200
Denver, Colorado 80202-1602

Gentlemen:

Re: Well No. Pine Springs Federal #12-14-14-22 - Sec. 14, T. 14S. R. 22E. - Uintah County, Utah - API #43-047-31397

This letter will serve to inform you of the need for proper compliance with State rules and regulations concerning the reporting of oil and gas operations. Please note that the Division is taking a more rigid stance requiring adherence to these rules and regulations.

A recent case in which you did not properly report is on the above referred to well. This office received verbal notification of spudding on December 14, 1983, however, we have not received any information since that time regarding this well.

Rule C-22 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

> Where the well is in the process of being drilled, said report must be made for each calendar month, beginning with the month in which drilling operations were initiated and must be filed on or before the sixteenth (16) day of the succeeding month.

Rule C-5 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

> Within ninety (90) days after the suspension of operations on, abandonment of, or the completion of any well drilled for the production of oil and/or gas, and within ninety (90) days after the completion of any further operations on the well, if such operations involved drilling deeper or drilling or redrilling any formation, a well log shall be filed with the Commission on a form prescribed by the Commission, together with a copy of the electric and radioactivity logs, if run.

Proper reporting of oil and gas operations is necessary so the Division can protect the correlative rights of all the public which includes operators such as yourself. Therefore, we intend to enforce strict compliance with rules and regulations from all operators in the State of Utah.

We have enclosed forms for your convenience in complying with the aforementioned rules.

Your future cooperation in these matters will be greatly appreciated.

Sincerely,

Claudia Jones

Claudia Jones
Well Records Specialist

clj

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
00000011/13-14

Form OGC-3

RECEIVED
MAR 08 1985
DIVISION OF OIL
GAS & MINING

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

56 64 01 5

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

Corrected Well Completion

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR
Coseka Resources (USA) Limited

3. ADDRESS OF OPERATOR
244 N. 7th Street #202A Grand Junction, CO 81501

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface
651' FWL 1832' FNL Sec. 14, T14S, R22E
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.
U-38072

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Pine Springs

8. FARM OR LEASE NAME
Federal

9. WELL NO.
12-14-14-22

10. FIELD AND POOL, OR WILDCAT
~~Wildcat~~ Pine Springs ~~Undesignated~~

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 14, T14S, R22E

14. PERMIT NO. 43-047-31397 DATE ISSUED 10-7-83

12. COUNTY OR PARISH Uintah

13. STATE Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12-14-83	12-16-83		6937' Ungr.	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
832'	Plugged to surface		→	0-832'	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
None P&A

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
None

27. WAS WELL CORED
No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	308'	12 1/4"	225 sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (*Interval, size and number*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		P&A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Terry J. Cox TITLE Dist. Superintendent DATE 3-4-85

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
GREEN RIVER	SURFACE	